PTO/SB/08a (05-03)

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Sheet 1 of 1

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| Application Number | 10/075,150 | |
| Filing Date | February 14, 2002 | |
| First Named Inventor | Harri Pekonen | |
| Art Unit | 2665 | |
| Examiner Name | Justin M. Philpott | |
| Attorney Docket Number | 004770.00041 | |

| | | | U.S. PATENT | DOCUMENTS | |
|------------|----------|--|------------------|----------------------------------|---------------------------------------|
| Examiner | Cite | Document Number | Publication Date | Name of Patentee or Applicant of | Pages, Columns, Lines, Where Relevant |
| Initials * | No.1 | Number - Kind Code ² (if known) | Offed Docum | Cited Document | Passages or Relevant Figures Appear |
| P | | US-5,936,965 | 8/10/99 | Doshi et al. | |
| Jund | <u> </u> | US- 5,764,700 | 6/09/98 | Makinen | MEUCIVEL |
| 8prf | | US- 5,359,607 | 10/25/94 | Nguyen et al. | |
| Sme | | US- 4,601,586 | 7/22/86 | Bahr et al. | JUN 0 8 2004 |
| | | US- | | | |
| | | US- | | | Technology Center 26 |
| | | US- | | | Technology Center 26 |

| | | Foreign Patent Document | | | Pages, | |
|------------------------|--------------------------|--|--------------------------------|---|--|----------------|
| Examiner Initials* | Cite No. ¹ | Country Code ³ - Number ⁴ - Kind Code ⁵ (<i>if known</i>) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ⁶ |
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| | | OTHER PRIOR ART NON F | ATENT LITER | ATURE DOCUMENTS | | |
| Examiner Initials * | Cite No.1 | Include name of the author (in CAPIT the item (book, magazine, journal, see number(s), publish | riał, symposium, o | tle of the article (when approcatalog, etc.), date, page(s) buntry where published. | opriate), title of , volume-issue | T² |
| | | Written Opinion from PCT/IB03/00894 dated | May 3, 2004 | | | |

| Signature Considered July 21, 2007 | Signature 3 | | July 21, 2001 |
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| Examiner Name | Justin M. Philpott | | | |
| Attorney Docket Number | 04770.00040 | | | |

| | | | U.S. PATENT D | OCUMENTS | |
|------------|------|--|------------------|--|--|
| Examiner | Cite | Document Number | Publication Date | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant |
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|-----------|------|--|--------------------|--------------------------------|--|----|
| Examiner | Cite | Foreign Patent Document | Publication | Name of Patentee or | Pages, Columns, Lines, Where Relevant | |
| Initials* | No.1 | Country Code ³ - Number ⁴ - Kind Code ⁵ (<i>if known</i>) | Date MM-DD-YYYY | Applicant of Cited Document | Passages or Relevant Figures Appear | T⁵ |
| SMP | | EP 0577322A | 01-05-1994 | Malkamaki, et al. | | |
| | | DE-10164605A | -08 01 2002 | Goodings- | NOT W ENGLISH, | |
| | | | | | | |

| | | NON PATENT LITERATURE DOCUMENTS | |
|------------------------|--------------|---|----------------|
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| Jul | | Huang, Su and Chao, "Architectures and Handoff Schemes for CATV-Based Personal Communications Network", Infocom '98, 17 th Annual Joint Conference of the IEEE Computer and Communications Societies, IEEE San Francisco, CA, March 748-755 | |
| Amp | | International Search Report dated January 29, 2004 APR 2 | 7 2004 |
| | | Technology | Center |

| Examiner Signature | Date Considered | July 21, 2004 |
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